



CLEVELAND ELECTRIC LABORATORIES

Thermocouples & Sensing Solutions since 1920

Applications:

• Petrochemical Plants • Utilities and Industrial Plants • Thermocouple Circuits • For use in NEC Article 725 ... Class 1 Division 2 Hazardous ... Locations • Complies with NEC 725 for ... use in Class 2 and Class 3 ... Circuits

Features:

UL Listed Subject 13 PLTC • Rated 105C 300 Volt • Flame Retardant • Passes IEEE 383 Flame Test • Passes VW-1 Flame Test • Sunlight Resistant.

Cable Specifications

Conductors:

20 awg solid type KX thermocouple extension wire per ASTM E230 & ANSI MC96.1

Insulation:

Nominal .016" (.40MM) flame retardant PVC

Color Code:

Per ASTM E230 & ANSI MC96.1, numbered on positive conductor (other colors available)

Construction:

Multiple twisted pairs

Communication Wire:

22 AWG (.61MM) 7-strand copper insulated with nominal .015" (.38MM) orange PVC (4 pair and larger)

Cable Shield:

.002" (.05MM) aluminum/polyester tape, 25% overlap

Cable Drain Wire:

20 AWG (.91MM) 7-strand tinned copper

Outer Jacket:

Flame retardant PVC with ripcord under jacket.

Thermocouple Type

Extension Wire

KX

Temperature Range F(C)

32 (0) to 400 (200)

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